

Lemin Mit Chan

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Education

University of California, Irvine

Irvine, CA

BACHELORS OF SCIENCE, COMPUTER SCIENCE (GPA - 3.7)

Expected June 2021

- Relevant Course Work: Data Structure Implementation and Analysis, Design and Analysis of Algorithms, Intro to Data Management, IOT Software and Systems, Operating Systems
- Dean's Honors List, Regents' Scholar

Skills

Languages Python, C++, C, SQL, Javascript, CSS, HTML

Technologies Git, Azure, AWS

Projects

No Noise Nonsense

November 2019

PARTNER PROJECT - GITHUB: [HTTPS://GITHUB.COM/LEMINCHAN/NO-NOISE-NONSENSE](https://github.com/leminchan/no-noise-nonsense)

Arduino, Javascript, Azure

- Built an IoT sound monitoring device with a peer to enforce dorm quiet hours by finding peak noise times each day.
- Developed web application to visualize noise data with jQuery while integrating back-end features with NodeJS.
- Incorporated Azure services to analyze data using Azure IoT Hub and to send alerts with Azure Service Bus via SMTP.

PDF Master

July 2019

INDIVIDUAL PROJECT - GITHUB: [HTTPS://GITHUB.COM/LEMINCHAN/PDF-MASTER](https://github.com/leminchan/pdf-master)

Python, Javascript

- Wrote Python script able to merge and split PDF files to use for office work and to avoid third-party applications.
- Implemented extracting text and images after incorporating feedback from coworkers, increasing program usability.
- Created web application using Javascript where users can manage PDFs with drawbacks of unsecured local storage.

Text It To Me

June 2018

INDIVIDUAL PROJECT

Python

- Developed a Python app using Twilio API and Google Calendar API to send SMS reminders on user-specified events.
- Incorporated personalized messages based on user and event information to deliver authentic reminders to users.
- Improved Google Calendar's old SMS notifications by adding extra notification criteria to personalize user calendars.

Zotreqs

February 2018

HACKATHON PROJECT - GITHUB: [HTTPS://GITHUB.COM/HUMMUSWINS/ZOTREQS](https://github.com/hummuswins/zotreqs)

Python, CSS, Javascript

- Created an interactive dependency graph website with three peers using Javascript to help UCI students plan classes.
- Obtained UC Irvine class data as .csv files using Python and BeautifulSoup for back-end developers to use efficiently.
- Demoed successfully with 20+ students able to see their remaining classes, based on their given finished classes.

Medicheck

April 2017

HACKATHON PROJECT (THIRD PLACE OVERALL)

Python, Bootstrap, AWS

GITHUB: [HTTPS://GITHUB.COM/LEMINCHAN/MEDICHECK](https://github.com/leminchan/medicheck) - DEVPOST: [HTTP://BIT.LY/2IJYJ8F](http://bit.ly/2IJYJ8F)

- Created a user-friendly website using Bootstrap for patients to navigate and doctors to edit patient information.
- Integrated back-end services using Django to create a login system for patients and doctors to access information.
- Constructed patient database with SQLite to decrease hospital wait times by storing patient medical history.

Experience

Resident Advisor

Irvine, CA

UC IRVINE HOUSING, MIDDLE EARTH

August 2019 - Present

- Mentored and counseled 100 residents as a live-in advisor, creating rapport and aiding in their college transition.
- Developed a positive environment for residents by modeling inclusive behavior to build bonds and promote unity.
- Wrote a Python script to insert resident names onto separate .png templates, saving an hour of work for 37 coworkers.

Community Assistant

Irvine, CA

AMERICAN CAMPUS COMMUNITIES, PUERTA DEL SOL

June 2018 - June 2019

- Created community for 88 residents through programs and day-to-day interactions with an 84% satisfaction rate.
- Organized workshops on Git, LinkedIn, and interviews with turnouts of 7-16 residents to encourage professionalism.
- Ensured resident safety by responding to emergencies in a timely manner, being on-call overnight and for 24 hours.

Leadership

Intern

Irvine, CA

ASSOCIATED STUDENTS OF UC IRVINE, STUDENT SERVICES

September 2017 - June 2019

- Organized athletic rallies, concerts, and UCI Homecoming, working with 50 fellow peers to foster school spirit.
- Increased athletic pre-game rally turnout by 130% by implementing marketing campaigns throughout UCI housing.